

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of the claims in the application:

**Listing of Claims:**

1-32. (canceled)

33. (Currently Amended) A two-part adhesive system with an improved onset of handling strength, comprising:

(a) an adhesive part being a mixture formed from (I) an ethylenically unsaturated monomer selected from the group consisting of acrylate ester monomer, methacrylate ester monomer, or mixtures thereof, (II) a metal molybdate, (III) an ethylenically unsaturated carboxylic acid selected from the group consisting of acrylic acid, methacrylic acid, or mixtures thereof, wherein said adhesive part is substantially free of a metal salt of an ethylenically unsaturated carboxylic acid; and

(b) an activator part which includes a free radical generator.

34. (New) The adhesive system of claim 33, wherein said adhesive part further comprises an admixed elastomeric material having a  $T_g$  less than  $-25^{\circ}\text{C}$  and soluble in said ethylenically unsaturated monomer.

35. (New) The adhesive system of claim 34, wherein said elastomeric material is selected from the group consisting of polychloroprene, polyacrylonitrile-butadiene copolymers, copolymers of styrene and isoprene, copolymers of styrene and butadiene, carboxylated polychloroprenes, carboxylated polyacrylonitrile-butadiene copolymers, copolymers of ethylene and vinyl acetate,

copolymers of styrene and olefinically unsaturated hydrocarbons, polybutylene, acrylate-based elastomers and mixtures thereof.

36. (New) The adhesive system of claim 35, wherein said elastomeric material is polychloroprene.

37. (New) The adhesive system of claim 33, wherein said adhesive part further comprises an admixed phosphorous-based adhesion promoter.

38. (New) The adhesive system of claim 37, wherein said phosphorous-based adhesion promoter is an acrylate or methacrylate ester phosphate.

39. (New) The adhesive system of claim 33, wherein said adhesive part further comprises an admixed core-shell impact modifier swellable in said ethylenically unsaturated monomer.

40. (New) The adhesive system of claim 39, wherein said core-shell impact modifier is selected from the group consisting of MBS impact modifiers, ASA impact modifiers, ABS impact modifiers and mixtures thereof.

41. (New) The adhesive system of claim 40, wherein said core shell impact modifier is methacrylate-butadiene-styrene graft copolymer.

42. (New) The adhesive system of claim 33, wherein said metal of said metal molybdate is a divalent metal.
43. (New) The adhesive system of claim 42, wherein said divalent metal is zinc.
44. (New) The adhesive system of claim 33, wherein said adhesive part and said activator part are in a ratio from about 20:1 to about 1:1.
45. (New) The adhesive system of claim 44, wherein said ratio is from about 15:1 to about 4:1.
46. (New) The adhesive system of claim 33, wherein said free radical generator is selected from the group consisting of peroxides, hydroperoxides, and mixtures thereof.
47. (New) The adhesive system of claim 46, wherein said free radical generator is benzoyl peroxide.
48. (New) The adhesive system of claim 33, wherein said adhesive part further comprises at least one admixed reducing agent.
49. (New) The adhesive system of claim 33, wherein said activator part further comprises an admixed epoxy resin.

50. (New) The adhesive system of claim 49, wherein said epoxy resin is a diglycidyl ether of Bisphenol-A.

51. (New) The adhesive system of claim 33, wherein said activator part further comprises an admixed plasticizer.